



8/16 Port High Power 36W per Port POE Midspan POE576U for 10/100/1000 Base-T Networks

Preliminary



Features

- IEEE 802.3at Prestandard
- SNMP Option
- 10/100/1000 base T Compatible
- Full Power of 576W—36W per Port No Power Management required
- Full Protection OTP, OCP, OVP
- Operates with IEEE802.3af devices

Applications

- VoIP Phones
- Access Point
- Security Systems
- IP Cameras

Safety Approvals

- cUL/UL
- CE

Mechanical Characteristics

- Length: 438mm (17.25in)
- Width: 228mm (8.98in)
- Height: 44.5 mm (1.75in)
- Weight: 1.0Kg (2.5lbs)

Output Specifications

Model	Number of Ports
POE576U-16HP(y)	16
POE576U-8HP (y)	8

Options: y= N to add SNMP

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INPUT:**AC Input**

Voltage Range 90 to 264VAC

Input Frequency 47-63Hz

Input Current:

8A(RMS) max. for 90VAC

4A(RMS) max. for 240VAC

Leakage Current: 3.5mA max. @ 254VAC 60Hz

AC Inrush Current:

15A(RMS) max. for 115VAC

20A(RMS) max. for 230VAC

OUTPUT:**Total Output Power**

30W per port

Ripple and Regulation

Meets requirements of IEEE802.3af

Efficiency

75% (typical) at Max. load, and 120VAC 60Hz

Hold-up Time

20mS min. 120VAC and max. load

Transient O/P Voltage Protection

60V max. at switch on and off at any AC line Phase

Turn-On Delay Time

3 sec max. at max. load, and 120VAC 60Hz, 25Hz

ENVIRONMENTAL:**Temperature**

Operation 0 to +40°C

Non-operation -25 to +65°C

Humidity

Operation 5 to 90%

Non-Operation 5 to 90%

EMC

FCC Class B

EN55022 Class B

Isolation Test

Primary to Secondary: 3000VAC for 1 minute

Primary to Ground: 1500VAC for 1 minute

Secondary to Ground: 1500VAC for 1 minute

Immunity EN50082-1

ESD: EN61000-4-2. Level 3

RS: EN61000-4-3. Level 2

EFT: EN61000-4-4. Level 2

Surge: EN61000-4-5. Level 3

CS: EN61000-4-6. Level 2

Voltage Dips EN61000-4-11

Harmonic: EN61000-3-2 Class A

IEEE 802.3af Interoperability

UNH Interoperability report available on request

FEATURE:**Cisco Legacy detection**

No extern parts required for Legacy devices:

VoIP Phones:

7910,7912,7940,7960

Access Points:

350,1100,1200

Over Voltage/Current, Short Circuit Protection

Outputs equipped with short circuit protection and

overload protection as per 802.3af specification

The output can be shorted permanently without damage

Over Temperature Protection

Shutdown automatically without damage

Indicators

Led #1 indicator for detection power "on" GREEN

Led #2 Indicator for fault -Yellow

USB Diagnostics Port and NIC Interface

USB "B" port for diagnostics and manual port control

Windows GUI

NIC interface for remote management via secure IP access

Input Connector

AC Input IEC320 C14

DC Input Molex 39-30-0060